



PTO/SB/08A (04-07)

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~~Substitute for Form 1449 PTC~~

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

**(Use as many sheets as necessary)**

Sheet 1 of 5

<b>Complete if Known</b>	
Application Number	10/593,918
Filing Date	September 22, 2006
First Named Inventor	James M. Tour
Art Unit	N/Y/A
Examiner Name	Unknown
Attorney Docket Number	11321-P086WOUS

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)			T
/BMM/		WO 01/30694 A1	05-03-2001	Smalley et al	
/BMM/		WO 02/60812 A2	08-08-2002	Tour et al	

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Sheet	2	of	5	Attorney Docket Number	11321-P086WOUS

NON PATENT LITERATURE DOCUMENTS				
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/BMM/	1	ijima et al., "Single-Shell Carbon Nanotubes of 1-nm Diameter", Nature (1993) 363, 603		T <sup>2</sup>
	2	Bethune et al., "Cobalt-Catalysed Growth of Carbon Nanotubes with Single-Atomic-Layer Walls", Nature (1993) 363, pp. 605-607		
	3	Endo et al., "The Production and Structure of Pyrolytic Carbon Nanotubes (PCNTs)", Phys. Chem. Solids (1993) 54, pp. 1841-1848		
	4	Zhu et al., "Improving the Dispersion and Integration of Single-Walled Carbon Nanotubes in Epoxy Composites...", Nano Lett. (2003) 3, pp.1107-1113		
	5	Baughman et al., "Carbon Nanotubes - the Route Toward Applications", Science (2002) 297, pp. 787-792		
	6	Dyke et al., "Covalent Functionalization of Single-Walled Carbon Nanotubes for Material Applications", J. Phys. Chem. A, (2005) 108, pp. 11151-11159		
	7	Chen et al., "Solution Properties of Single-Walled Carbon Nanotubes", Science, (1998) 282, pp. 95-98		
	8	Mickelson et al., "Fluorination of Single-Wall Carbon Nanotubes", Chem. Phys. Lett., (1998) 296, pp. 188-194		
	9	Boul et al., "Reversible Sidewall Functionalization of Buckytubes", Chem. Phys. Lett. (1999) 310, pp. 367-372		
/BMM/	10	Dresselhaus et al., "Science of Fullerenes and Carbon Nanotubes", Academic Press, San Diego, (1996)		

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/BMM/	11	Bahr et al., "Covalent Chemistry of Single-Wall Carbon Nanotubes", J. Mater. Chem., (2002) 12, pp. 1952-1958		T <sup>2</sup>
	12	Holzinger et al., "Sidewall Functionalization of Carbon Nanotubes", Angew. Chem. Int. Ed. (2001) 40, pp. 4002-4005		
	13	O'Connell et al., "Band Gap Fluorescence from Individual Single-Walled Carbon Nanotubes", Science (2002) 297, pp. 593-596		
	14	Bronikowski et al., "Gas-Phase Production of Carbon Single-Walled Nanotubes from Carbon Monoxide...", J. of Vac Science & Tech (2001) 19, pp. 1800-1805		
	15	R. Saito, et al, "Physical Properties of Carbon Nanotubes", Imperial College Press, London, (1998)		
	16	Avouris, "Molecular Electronics with Carbon Nanotubes", Acc. Chem. Res. (2002) 35, pp. 1026-1034		
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/BMM/	20	Davis et al., "Phase Behavior and Rheology of SWNTs in Superacids", Macromolecules (2004) 37, pp. 154-160		

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/BMM/	21	Olah, "100 Years of Carboncations and Their Significance in Chemistry", J. Org. Chem. (2001) 66, pp. 5943-5957	
	22	Bahr et al., "Functionalization of Carbon Nanotubes by Electrochemical Reduction of Aryl ...", J. Am. Chem. Soc., (2001) 123, pp. 6536-6542	
	23	Dyke et al., Solvent-Free Functionalization of Carbon Nanotubes", J. Am. Chem. Soc., (2003) 125, pp. 1156-1157	
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	25	Meier et al., "Addition of Nitrile Oxides to C <sub>60</sub> Formation of Isoxazoline Derivatives of Fullerenes", Org. Chem. (1993) 58, pp. 4524-4525	
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	27	Himeshima et al., "Fluoride-Induced 1, 2-Elimination of O-Trimethylsilyl-Phenyl Triflate to Benzene...", Chem. Letters (1983) pp. 1211-1214	
	28	Chiang et al., "Purification and Characterization of Single-Wall Carbon Nanotubes (SWNTs) Obtained ...", J. Phys. Chem B (2001) 105, pp. 8297-8301	
	29	Dyke et al., "Unbundled and Highly Functionalized Carbon Nanotubes from Aqueous Reactions", Nano Letters (2003) 3, pp. 1215-1218	
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